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23 November 1971

MEMORANDUM FOR: Deput	Director for	Science and	Technology
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SUBJECT:

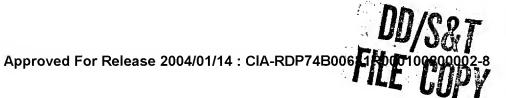
Computer Support for DCI/NIPE Staff

	1.	While	as a resul	it of our te	lephone	conversati	on of yes	sterday
have		ructed		with the				to
discu	s wi	th Jack	lame wha	t we need	in incres	sed suppo	rt from	ÒCS,
thou	ght i	t would	be just as	well to gi	ve you s	ome specif	fic idea	of
			we see it.					

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- 2. For some time this staff has been concerned that the level of OCS computer support has been reaching a point where the level of necessary work was beginning to fall behind and predictable future needs would not be met. With the increase in the DCI's community responsibilities as a result of the recent Presidential directive, this situation could become critical. The nature of the program budget planning cycle is such that some of our deadlines occur early in 1972. Thus our most pressing need is that you support a request of an immediate reallocation of some OCS resources to address a selected group of computer support problems that have short-term deadlines.
- 3. Let me briefly identify your present computer support to us and the general character of our anticipated higher requirements:
  - a. Computer Support for Systems Analysis Group. The OCS Scientific Applications Division supports Systems Analysis Group. That work involves the solution of large-scale resources. The level of this effort is expanding.
  - b. Computer Support for Other NIPE Components. OCS provides this support through its Intelligence Management Support Branch (IMSB).
    - (1) IMSB is presently involved with two NIPE programs -- CIRIS and the Facilities Inventory. The



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latter was undertaken for the Critical Collection Problems Committee of USIB. These two data bases overlap and we intend to coordinate them. Both, however, will continue to grow and new types of data will need to be accommodated.

- (2) With respect to CIRIS, external pressures are forcing Defense to expand its reporting on intelligence-related organisations and activities, and this must be accommodated in a community data system. We may be required soon to maintain a continually-updated computerised data base.
- (3) We foresee the need for computer graphics, including interaction diagrams and flow charts. We will also need a computer capability to model alternative data sets and perform calculations and sensitivity analyses.
- (4) We will continue to need OCS technical support on hardware problems. These occur generally in interagency discussions on physical arrangements for sharing the task of preparing and disseminating portions of an integrated data base. In-house, we will continue to make increasing use of computer terminals. The availability of video terminal equipment also continues to be of interest.

(e) To a distance were boson a constitution and des
(5) In addition, we have a continuing need for
uidance from OCS in developing our total system. I
particularly want you and Jack lams to know that we have
seen extremely pleased with the fine support and sound
planning guidance furnished to our staff by
Chief of the OCS Intelligence Management Support Branch.
has been associated with NIPE projects for some
our years and he is highly thought of by our entire staff.
We regard him as close to indispensable in executing
our plans. In recognistion of this, we would like to have
nim in charge of our total NIPE computer support
program (excluding the separable scientific work for
I hope you will approve this assignment.
I hope you will approve this assignment.

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4.	will continue to serve as the principal point
of contact for provide the data s	since we intend that his group will support system for the DCI's community staff.
it is all these details. It is all these details with Jack	ails that I would like to have
	(Signed) Bronson Tweedy

Bronson Tweedy D/DCI/NIPE

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